

6. *Reports on the Marine Mollusca in the Collections of the South African Museum.*—By J. R. LE B. TOMLIN, M.A.

XI. FAMILY BUCCINIDAE.

Gen. NASSARIA Link, 1807

THIS name is inconveniently similar to *Nassarius* Dumeril, 1806, but is not to be rejected on that account. In 1853 H. and A. Adams called the genus HINDSIA.

*Nassaria acuminata* (Reeve)

*Triton acuminatus* Reeve, Conch. Icon., ii, pl. 14, fig. 54, *a, b*, June 1844. China.

Durban (Brit. Mus.). Mörch, Yoldi Cat., i, p. 107, gives it doubtfully from the Cape.

*Nassaria gracilis* Sowerby III.

Marine Investigations in S. Africa, ii, p. 94, pl. 2, fig. 10, Sept. 1902. Tugela R. mouth, N. by W $\frac{3}{4}$ W., distant 15 $\frac{1}{2}$  miles: depth 40 fathoms.

Gen. PHOS Montfort, 1810

*Phos cyanostoma* A. Adams

P.Z.S. Lond., 1850, p. 155, Feb. 1851. Philippine Islands. Durban Bay (Falcon).

*Phos laevigatus* A. Adams

P.Z.S. Lond., 1850, p. 155, Feb. 1851. Cape of Good Hope.

*Phos nodicostatus* A. Adams

*Ibid.*, p. 154. Negros Is. Scottburgh (Burnup), a small example.

*Phos roseatus* Hinds

Voy. "Sulphur," ii, p. 38, pl. 10, figs. 9, 10, 1844. Sumatra. Durban (Brit. Mus.).

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Gen. *ENGINA* Gray, 1839

*Engina mendicaria* (Linn.)

*Voluta mendicaria* Linn., Syst. Nat., ed. 10, p. 731, 1758. Asia.  
Durban (Brit. Mus.); Natal (Krauss).

*Engina perlata* (Küster)

*Buccinum perlatum* Küster, Conch. Cab. (2), Lief. 163, pl. 12, fig. 56,  
1858. Natal.

*Engina natalensis* Melvill, Proc. Mal. Soc. London, i, p. 226, pl. 14,  
fig. 12, 1895.

I have seen specimens from as far west as East London and Port  
Alfred. It occurs up the E. coast as far as Mombasa.

*Engina astricta* (Reeve)

*Ricinula astricta* Reeve, Conch. Icon., iii, pl. 4, fig. 30, Oct. 1846.  
Hab.?

Umkomaas (Burnup); Durban (McClelland).

*Charitodoron* Tomlin, 1932

*Charitodoron euphrosyne* Tomlin

Ann. S. Afr. Mus., xxx, p. 167, fig. 8, 1932. Off Cape Point in 660–  
700 fathoms, 26 miles E. in 218 fathoms, and 18 miles N. 50°  
E. in 180 fathoms.

*Charitodoron aglaia* Tomlin

*Ibid.*, p. 169, fig. 9, 1932. S. Africa.

*Charitodoron thalia* Tomlin

*Ibid.*, p. 169, fig. 10, 1932. Off Cape Point in 131 fathoms and in  
800–900 fathoms.

*Charitodoron pasithea* Tomlin

Tomlin, J. Conch., xxii, p. 50, text-fig., 1943.  
Off Cape Point in 430–630 fathoms.

Gen. *EUTHRIA* Gray 1850

*Euthria filmerae* Sowerby III

Proc. Mal. Soc. London, iv, p. 1, pl. 1, fig. 3, April 1900. Pondoland.

*Euthria ponsonbyi* Sowerby III.

Journ. of Conch., vi, p. 149, pl. 3, fig. 3, Oct. 1889. S. Africa.

Taken subsequently not rarely *ex piscibus*.

*Euthria pura* Martens

Deutsch. Tief-See Exp., vii, Lief, i, p. 25, pl. 2, fig. 14, 1903. Agulhas Current, 273 fathoms.

*Euthria queketti* Smith

Journ. of Conch., x, p. 110, pl. i, fig. 1, 1901. In a fish caught 10 miles off Durban in 40 fathoms.

Gen. PISANIA Bivona, 1832

*Pisania tritonoides* (Reeve)

*Buccinum tritonoides* Reeve, Conch. Icon., iii, pl. 10, fig. 77, Dec. 1846. Ticao Is.

Durban (Brit. Mus.).

*Pisania marmorata* (Reeve)

*Buccinum marmoratum* Reeve, Conch. Icon., iii, pl. 12, fig. 95, Dec. 1846. Capul Is.

Isipingo (B.M.); Durban (McClelland and Casey); Port Elizabeth (Sowerby).

*Pisania crenilabrum* A. Adams

P.Z.S. London, 1854, p. 138, April 1855. W. Indies (by error).

*Pisania montrouzieri* Crosse, J. de C., x, p. 251, pl. 10, fig. 7, 1862, New Caledonia.

Pondoland (Sowerby); Umkomaas (Burnup); Natal (Brit. Mus.); Coffee Bay (Tyson in Albany Mus., several).

Gen. POLLIA Gray in Sowerby, 1834

*Pollia subcostata* (Krauss)

*Buccinum rubiginosum* Reeve var. *subcostata* Krauss, Südafr. Moll., p. 120, 1848. Natal.

*Buccinum cariniferum* Küster, Conch. Cab. (2), Lief. 163, p. 63, pl. 12, figs. 9, 10, 1858. Natal.

*Tritonidea natalensis* Smith, J. of C., x, p. 111, pl. 1, fig. 23, 1901. Durban.

Durban (Burnup and McClelland); Izotoka (coll. Tomlin).

Krauss' above name is evidently intended for this species. Sowerby (J. of C., vii, p. 368, and Mar. Invest., ii, p. 229) wrongly identified it with *T. subrubiginosa* Smith.

Martens wrongly identified it with *Buccinum porcatum* Gmelin (J. B. Mal. Ges., I, p. 136).

*Pollia insculpta* (Sowerby III)

*Tritonidea insculpta* Sow., Pr. Mal. Soc. London, iv, p. 2, pl. 1, fig. 4, April 1900. The Kowie.

*Pollia shepstonensis* Tomlin

Ann. Natal Mus., v, p. 291, pl. 16, fig. 4, May 1926. Beach End, near Port Shepstone.

*Pollia undosa* (Linn.)

*Buccinum undosum* Linn., Syst. Nat., ed. 10, p. 740, 1758. Asia.

A very common Indo-Pacific shell, recorded from Durban and Port Elizabeth; Cape, not uncommon (Sow.). Falcon has one 35 mm. long from Durban Bay. Sowerby (J. of C., vi, p. 148, 1889) unnecessarily introduces a var. *minor*—fortunately a *nomen nudum*.

It is always a variable shell in point of size.

Gen. METULA H. and A. Adams

*Metula clathrata* (A. Adams and Reeve)

*Buccinum clathratum* A. Adams and Reeve, Zool. Voy. Samarang, p. 32, pl. ii, fig. 12, 1850. Cape of Good Hope, 136 fathoms.

Gen. BURNUPENA Iredale, 1918

*Burnupena cincta* (Röding)

*Buccinum mexicanum* Bruguière, Enc. Méth. Vers., I, p. 260, 1789. Mexico.

*Buccinum cinctum* Röding, Mus. Bolt., p. 113, 1798.

*Buccinum porcatum* Gmelin, Syst. Nat., p. 3494, 1791. Anglia. (non da Costa 1778.)

*Purpura ligata* Lamarek, An. s. Vert., vii, p. 244, 1822. Hab.?

*Buccinum crassum* Mörch, Cat. Yoldi, i, p. 94, 1852. Cape.

*Buccinum pubescens* Küster, Conch. Cab. (2), Lief. 162 and 164, p. 73, pl. 13, figs. 8, 9, 1858. Hab. unknown, probably S. Africa.

Common and generally distributed. The earliest name is undoubtedly *Buccinum mexicanum* Brug., but I have hesitated to make use of this, in view of its incorrectness.

Tryon says that *Buccinum biserialis* Küster from Cape Elim is this species.

*Burnupena limbosa* (Lamarck)

*Purpura limbosa* Lamarck, An. s. Vert., vii, p. 243, Aug. 1822. Hab.?

*Cominella porcata multilirata* Bartsch, U.S. Nat. Mus. Bull. 91, p. 47, pl. 4, fig. 6, July 1915. Cape of Good Hope.

St. James and Lambert's Bay (Stephenson); Camps Bay (Connolly); Port Alfred (Turton); Natal (Krauss); Dyer Is. (Odhner); False Bay and Algoa Bay (Martens).

*Burnupena prolongata* (Smith)

*Cominella* (?) *prolongata* Smith, J. of C., ix, p. 248, pl. 5, fig. 3, 1899. Cape Colony.

Until other and better specimens turn up it is doubtful where this should be placed.

*Burnupena delalandii* (Kiener)

*Buccinum delalandii* Kiener, Coq. Viv., p. 15, pl. 5, fig. 14, 1834. Cape of Good Hope.

Port Nolloth and Lambert's Bay (Stephenson); Saldanha Bay (Kimberley Mus.); Port Alfred (Turton); Dyer Is. (Odhner); Lüderitzbucht.

*Burnupena lagenaria* (Lamarck)

*Purpura lagenaria* Lam., An. s. Vert., vii, p. 245, Aug. 1822. Hab.?

*Purpura cucurbita* Duclou, Ann. Sci. Nat., xxvi, p. 112, pl. 2, fig. 12, May 1832. Hab. Inconnu.

*Buccinum violaceum* Quoy and Gaimard, Voy. Astrolabe, ii, p. 456, pl. 30, figs. 32-34, 1832. Table Bay.

Common in the Cape Province. Quoy and Gaimard's *Buccinum violaceum* (Voy. Astrolabe, Zool., ii, p. 456, pl. 30, figs. 32-4, 1832) may possibly be this species.

*Burnupena papyracea* (Bruguière)

*Buccinum papyraceum* Brug., Enc. Méth., Vers, I, p. 260, 1789. Norway (error).

*Buccinum anglicum* Gmelin, Syst. Nat., p. 3494, 1791. England (error).

*Buccinum anglicanum* Reeve, Conch. Icon., iii, pl. 4, fig. 23, Dec. 1846.  
England and Norway.

*Buccinum intinctum* Reeve, *l.c.*, pl. 5, fig. 32, Dec. 1846. Hab.?

*Buccinum robustum* Küster, Conch. Cab. (2), Lief. 164 and 165, p. 81,  
pl. 14, fig. 13, pl. 15, fig. 5, 1858. Cape and Natal.

Port Nolloth (Stephenson); Lüderitzbucht.

*Burnupena semisulcata* (Sowerby III)

*Cominella semisulcata* Sow., Marine Shells S.A., p. 10, pl. 1, fig. 7,  
1892. Port Elizabeth.

Turton does not seem to have come across this, but Becker sent me several from Port Alfred many years ago.

*Burnupena tigrina* (Kiener)

*Buccinum tigrinum* Kiener, Coq. Viv., p. 27, pl. 10, fig. 32, 1834.  
Hab.? Common in the Cape Province.

*Burnupena dunkeri* (Küster)

*Buccinum dunkeri* Küster, Conch. Cab. (2), Lief. 164 and 165, p. 86,  
pl. 15, figs. 9-11, 1858. Cape.

*Fusus lineolatus* (Dunker) Philippi, Abbild., i, p. 110, pl. 1, fig. 10,  
March 1844. Cape. [non *F. lineolatus* Costa 1840.]

*Burnupena capensis* (Philippi)

*Fusus capensis* (Dunker) Philippi, Abbild., i, p. 110, pl. 1, fig. 7,  
March 1844. Cape of Good Hope.

*Euthria turtoni* Bartsch, U.S. Nat. Mus. Bull. 91, p. 50, pl. 3, fig. 6,  
July 1915. Port Alfred.

Port Alfred and East London. This is probably the shell that Sowerby (M. Shells, App. 2) lists as *Euthria magellani* Vélain: cf. Smith in Pr. Mal. Soc. London, V, p. 371.

Sowerby (M. Shells S.A. p. 10) gives the New Zealand *Cominella glandiformis* (Reeve) as South African with a query. It certainly does not occur here.

Gen. AFROCOMINELLA Iredale, 1918

*Afrocominella simoniana* (Petit)

*Fusus simonianus* Petit, J. de C., iii, p. 164, pl. 7, fig. 7, 1852. Cape Agulhas.

*Cominella elongata* Dunker, Pr. Z.S. London, 1856, p. 356, May 1857.  
Hab. ?.

*Cominella alfredensis* Bartsch, U.S. Nat. Mus. Bull. 91, p. 48, pl. 3,  
fig. 7, July 1915. Port Alfred.

Petit's name for this common shell has been overlooked. The figure is unmistakable.

*Afrocominella lacertina* (Gould).

*Euthrya lacertina* Gould, Pr. Boston Soc. N.H., vii, p. 327, Sept. 1860.  
Simons Bay.

I have what I take to be this species from Jeffreys Bay and False Bay and specimens which Stephenson took at Lambert's Bay.

*Afrocominella angusta* (Sowerby III)

*Cominella angusta* Sow., J. of C., v, p. 4, Jan. 1886, and vi, pl. 1,  
fig. 8. Port Elizabeth and Port Alfred.

*Afrocominella puncturata* (Sowerby III)

*Cominella puncturata* Sow., J. of C., v, p. 2, Jan. 1886, vi, pl. 1, fig. 9.  
Common on the Cape coast.

Gen. GLYPTEUTHRIA Strebel, 1905

*Glypteuthria capensis* Tomlin

Ann. S.A. Mus., xxx, p. 165, fig. 6, 1932. Cape Point, N. 41° E.,  
38 miles, 318-400 fathoms.

*Glypteuthria solidissima* Tomlin

*Ibid.*, p. 166, fig. 7. Cape Point, 11 miles, 45 fathoms.